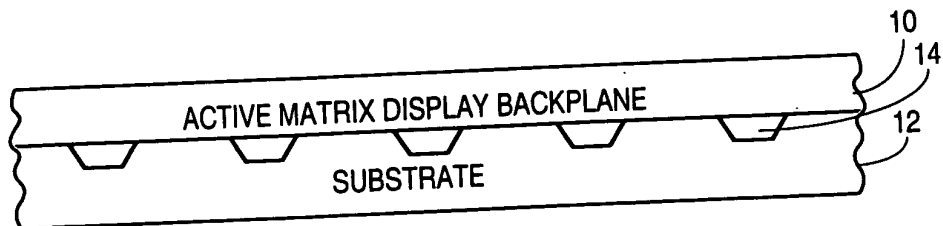
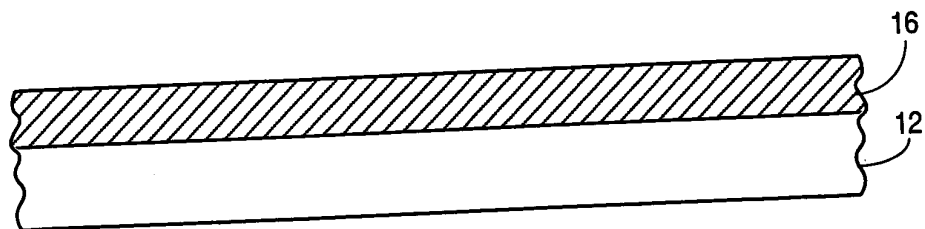


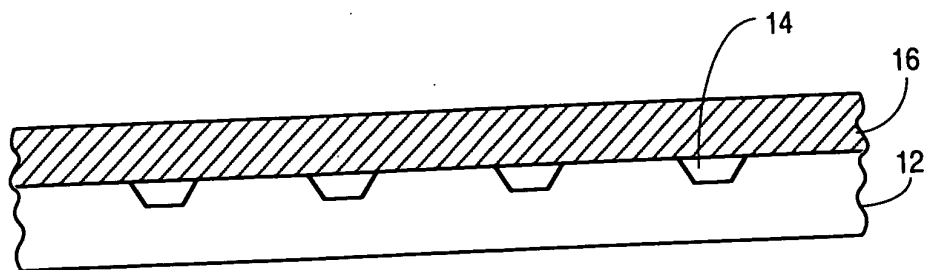
**Fig. 1a**  
(Prior Art)



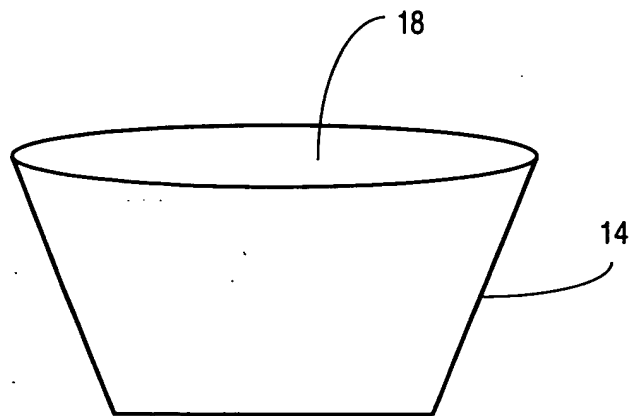
**Fig. 1b**  
(Prior Art)



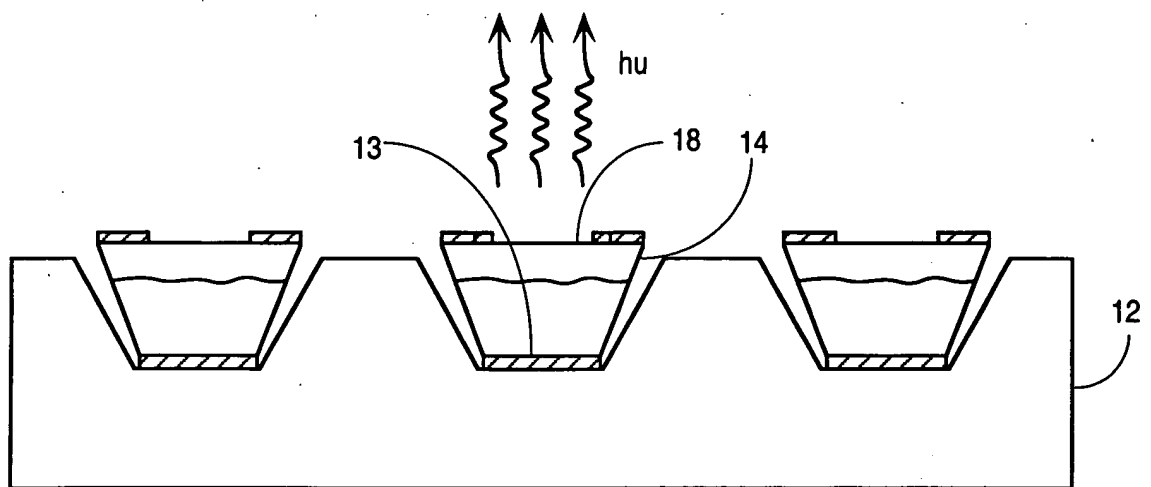
**Fig. 1c**  
(Prior Art)



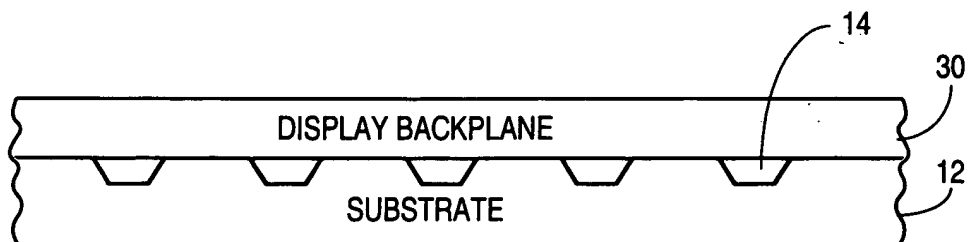
**Fig 1d**  
(Prior Art)



**Fig. 2**  
(Prior Art)

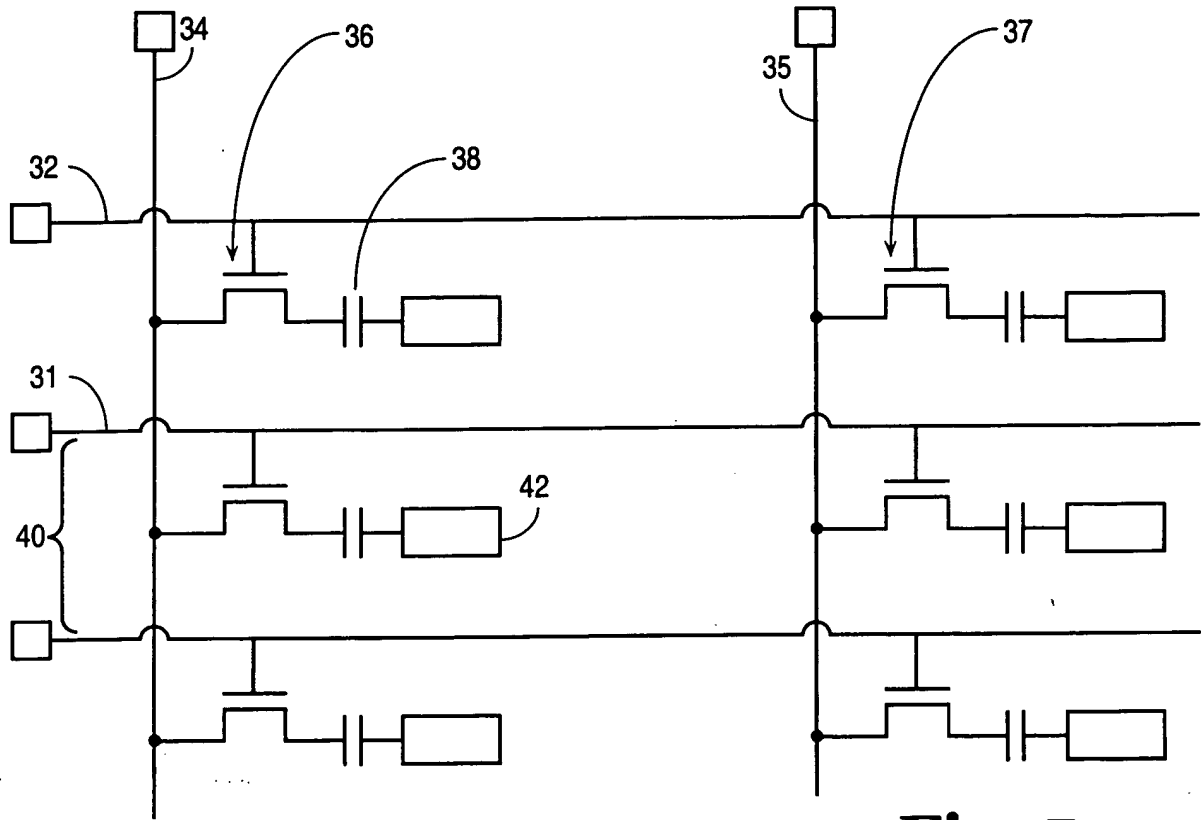


**Fig. 3**  
(Prior Art)

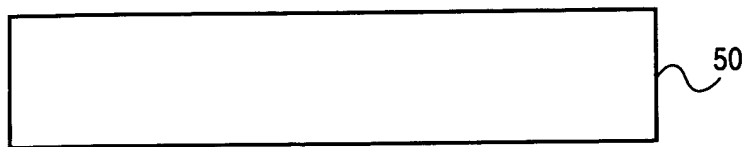


**Fig 4**  
(Prior Art)

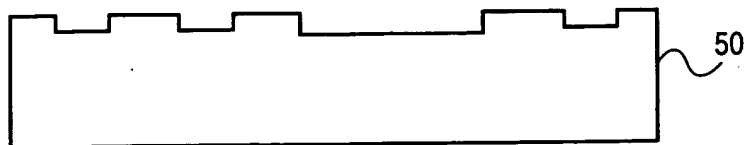
FIG. 5



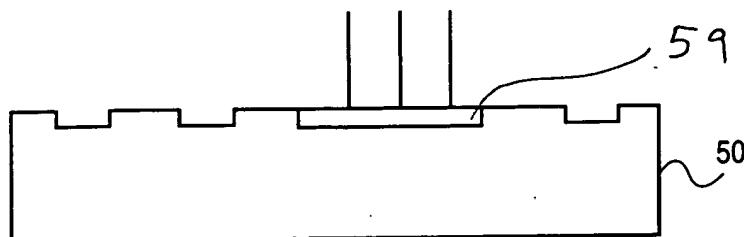
**Fig. 5**  
(Prior Art)



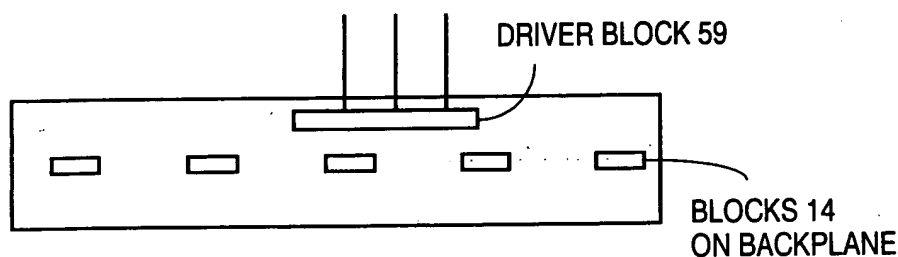
**Fig 6a**



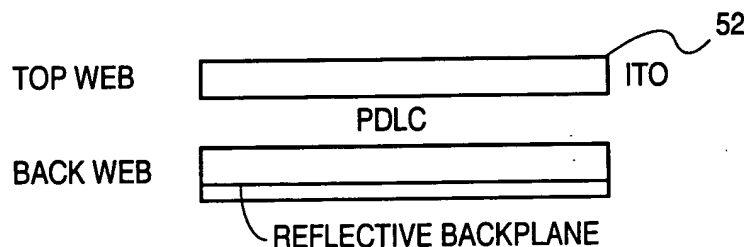
**Fig. 6b**



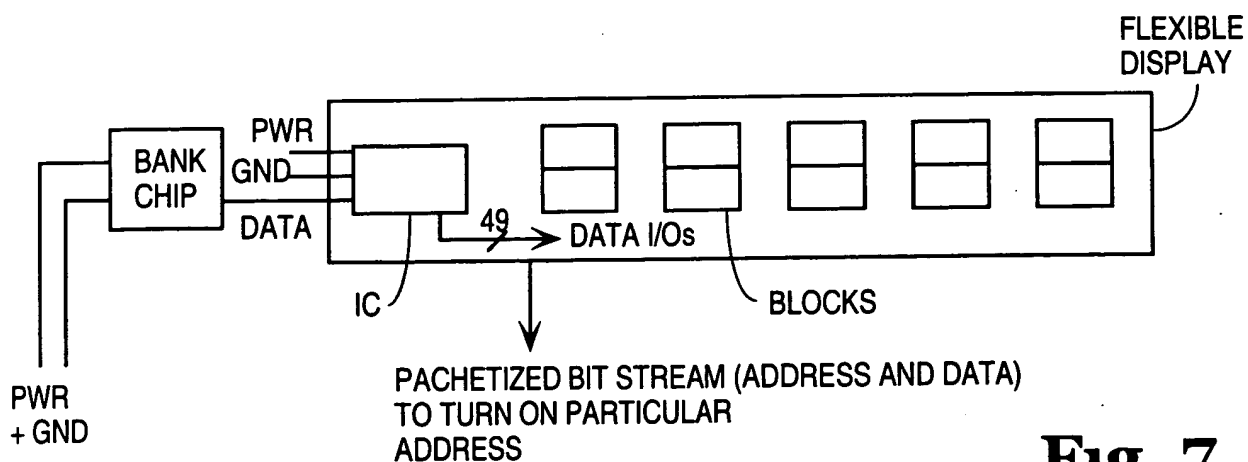
**Fig. 6c**



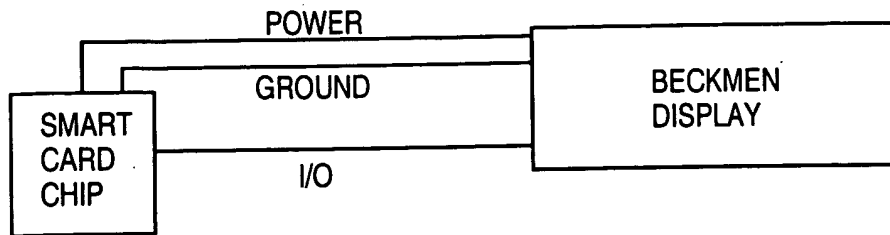
**Fig. 6d**



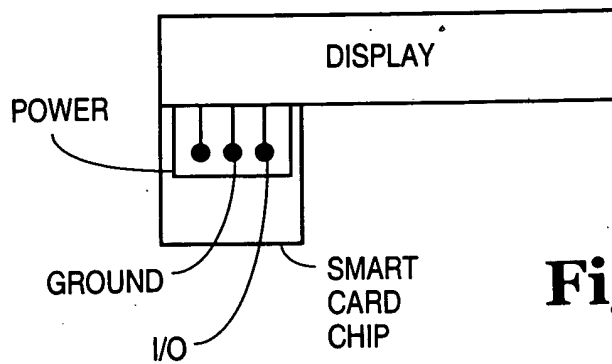
**Fig. 6e**



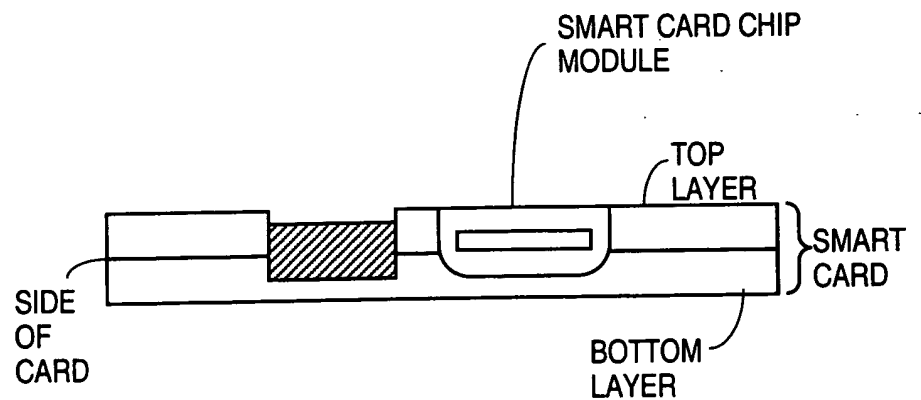
**Fig 7**



**Fig. 8a**

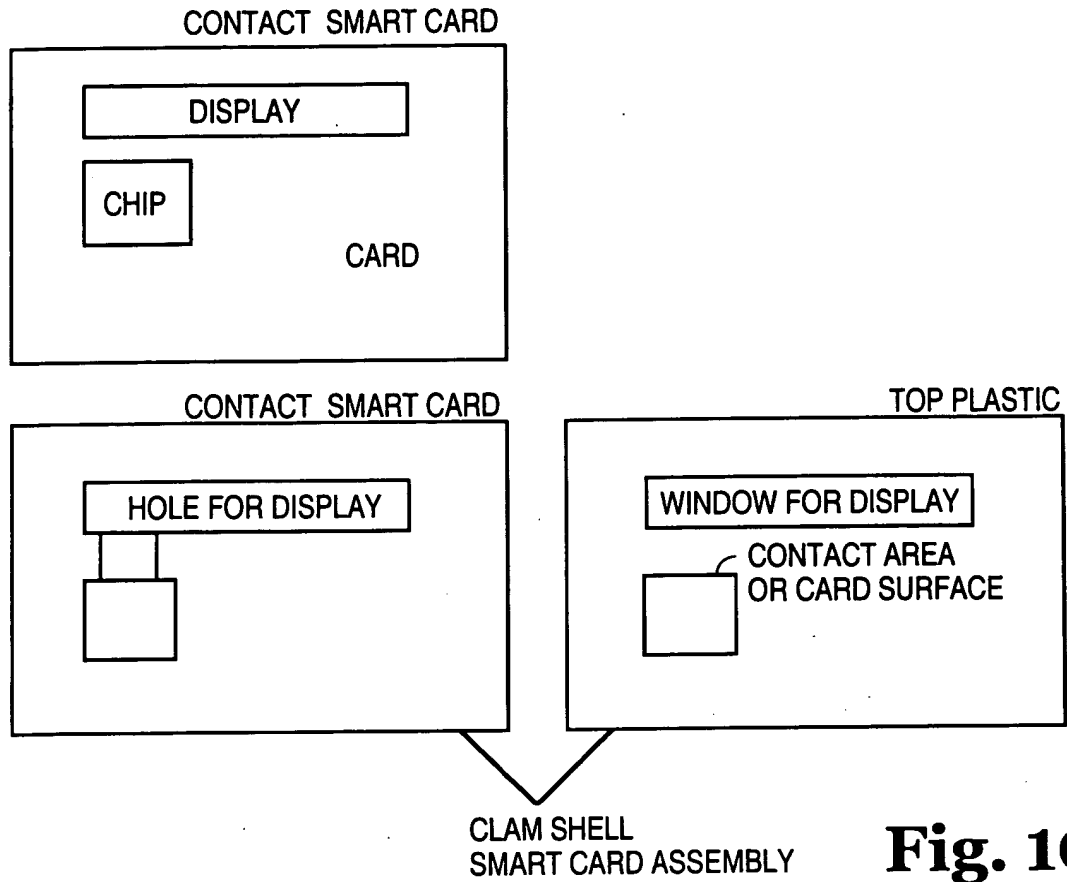


**Fig. 8b**

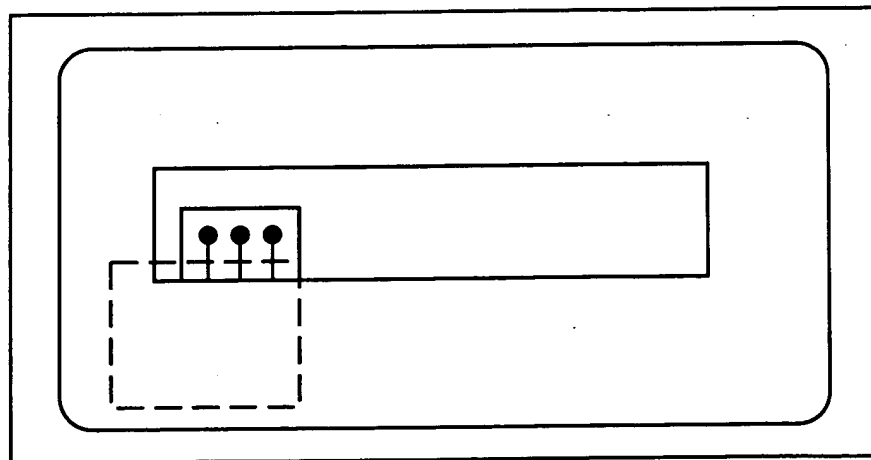


**Fig. 9**

FIG. 10



**Fig. 10**



**Fig 11**

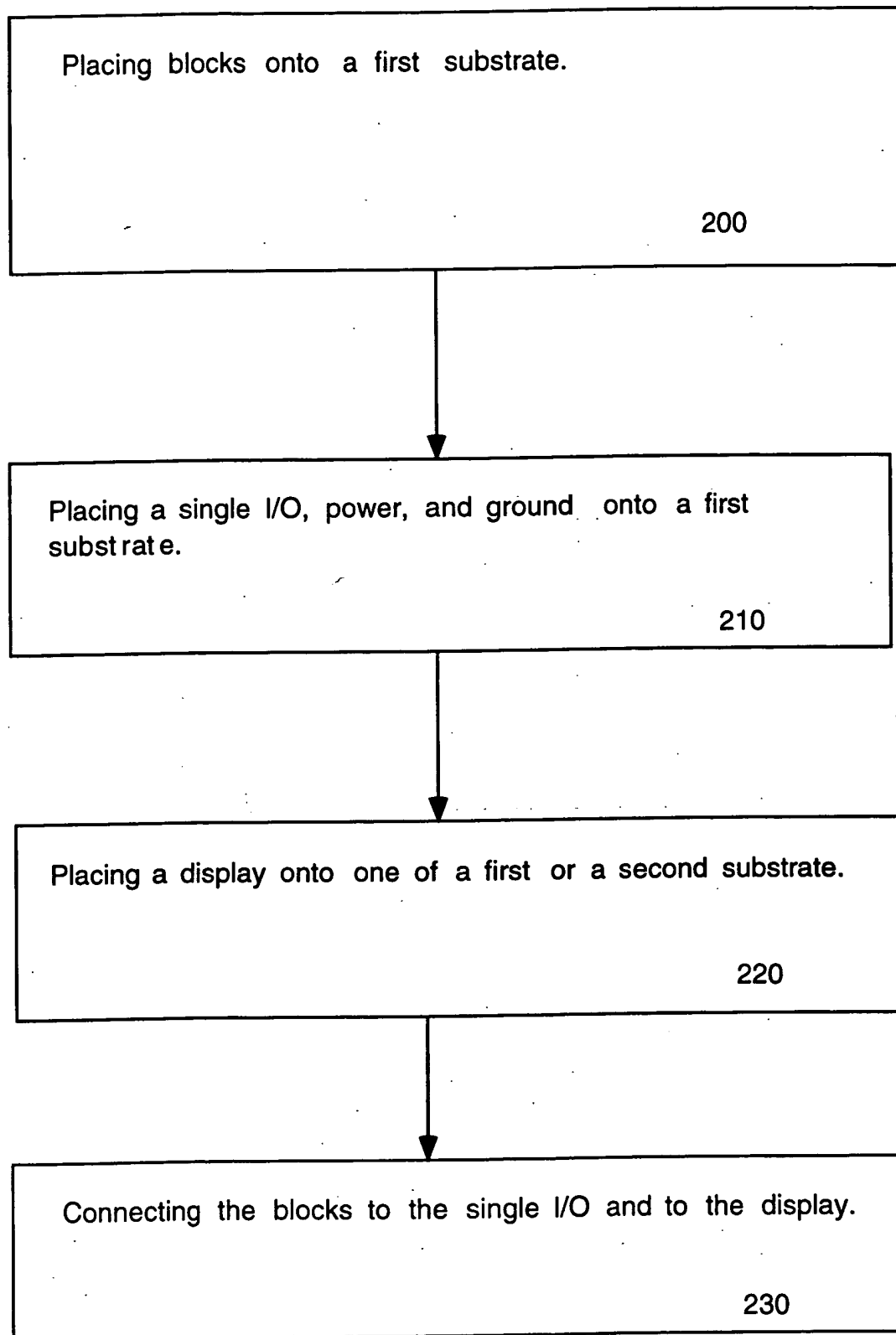


FIG. 12A

Transferring N bits of data on a single input/output on a contact smart card.

240



Displaying N bits of data.

250

FIG. 12B



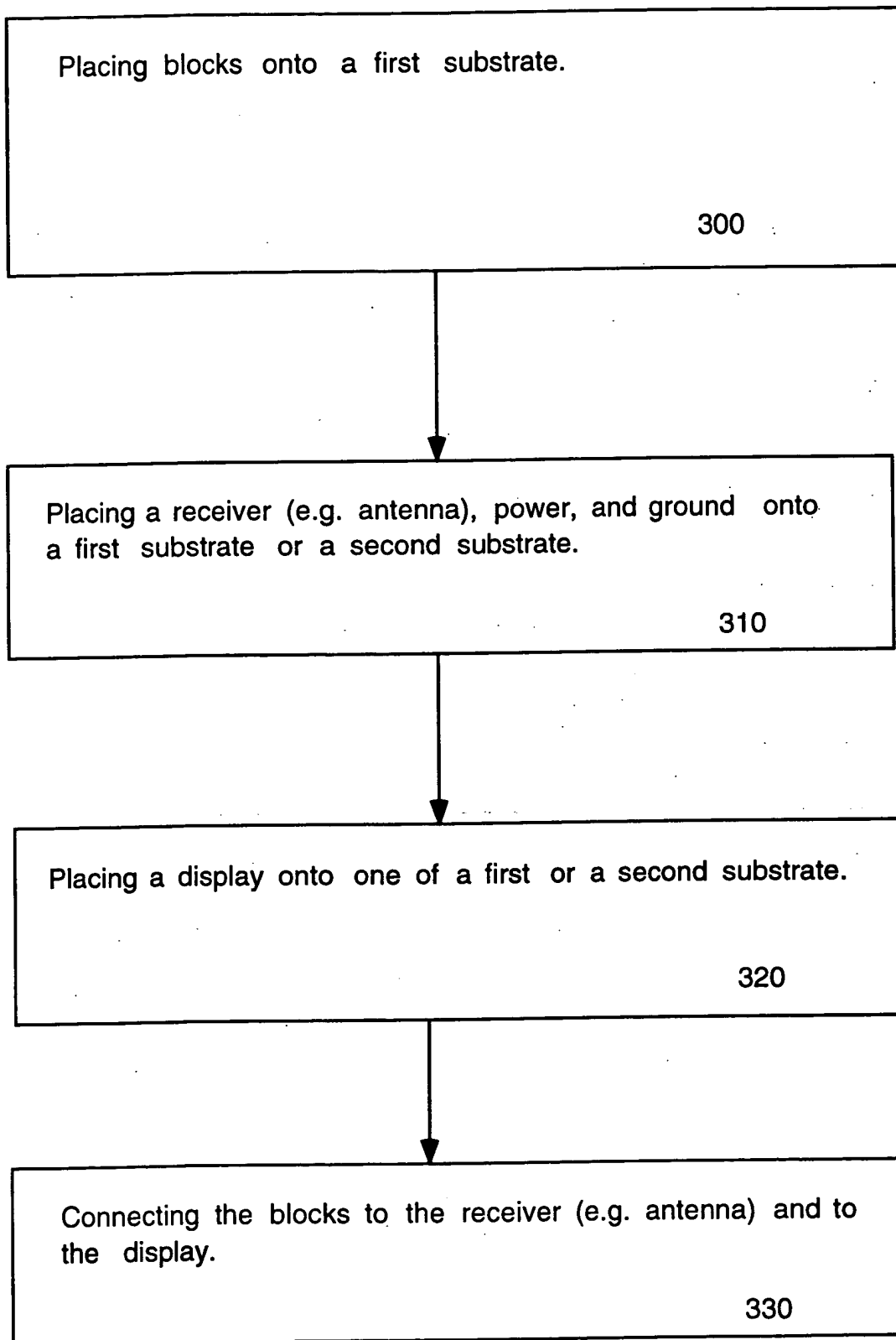


FIG. 13a

Transferring N bits of data to a receiver (e.g. antenna) on a smart card.

340



Displaying N bits of data.

350

FIG. 13B

Placing blocks onto a first substrate.

400

Placing a single I/O a receiver (e.g. antenna), power, and ground leads onto a first substrate.

410

Placing a display onto one of a first or a second substrate.

420

Connecting the blocks to the receiver (e.g. antenna) and to the display.

430

FIG. 14a

Transferring N bits of data to a receiver (e.g. antenna) on a smart card.

440



Displaying N bits of data.

450

FIG. 14B